

IN THE SPECIFICATION

At column 5, lines 8-37:

Microcontroller 6 (not seen in Fig. 2) is electrically connected to inertia switch assembly 4, through center contact 20 and post 25, and as mentioned above, microcontroller 6 receives the signal from inertia switch assembly 4. Microcontroller 6 is a programmable microcontroller, which has been configured to count the number of signals, or circuit closures it receives from inertia switch assembly 4. In the preferred embodiment, microcontroller 6 is a Sanyo LC5732N. Microcontroller 6 generates an output signal which is indicative of the number of signals it has received from inertia switch assembly 4. This output signal drives display 10, which is connected through a flex connector 30. Display 10 can be any type of visually perceptible display, such as a graphical display or a numeric display. In the preferred embodiment, display 10 includes nine segment, positive LCD 32 and back light 34, giving a visual indication indicative of the count. Back light 34 is preferably red so as to minimize the loss of night vision when reading LCD 32. A nine segment LCD was used to minimize size, but larger displays can also be used. Although the preferred embodiment uses a visual display, which continuously displays the count, as used herein, display is not limited to visually perceptible displays, but can include audio displays, such as tones or even spoken numbers, diagrammatically indicated at 62 in FIG. 5, alone or in combination with a visual display. Additionally, the output of microcontroller 6 may be directed to a data collection device, such as a computer, through use of port 48, which is connected to microcontroller 6 through connector 48a. This feature will be particularly useful with large caliber or permanently mounted firearms.

At column 6, lines 39-52:

Referring to FIG. 3, firearm monitoring device 2 is shown disposed within housing 42. Housing 42 is sealed to protect firearm monitoring device 2 from the environment, particularly from solvents which are frequency used for cleaning. For this reason, reset switch 36, count adjustment switch 38 and back light on-off switch 40 are tactile switches which underlie thin portions 36a, 38a and 40a, respectively, of housing 42. LCD 32 is protected by lens 44 (FIG. 2) which is sealed to

Serial No. 09/177,047
Customer No. 26874

housing 42. Back lighting battery access cover 46 is also sealed, as is adjustment screw ~~26~~ 28. Opening 48b, which provides access to electrical port 48 7, is also sealed. Housing 42 is designed to be attached to the hand grip of a handgun. When used with a handgun, end 50 of housing 42 is angled to permit easier holstering.